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TITLE	MV2RAM REV. DB	
DRAWING NUMBER	MV2R-001	DATE 21-MAY-85
ENGINEER	LBIII	APPROVED
DRAWN BY	LBIII	SHEET 0 OF 5

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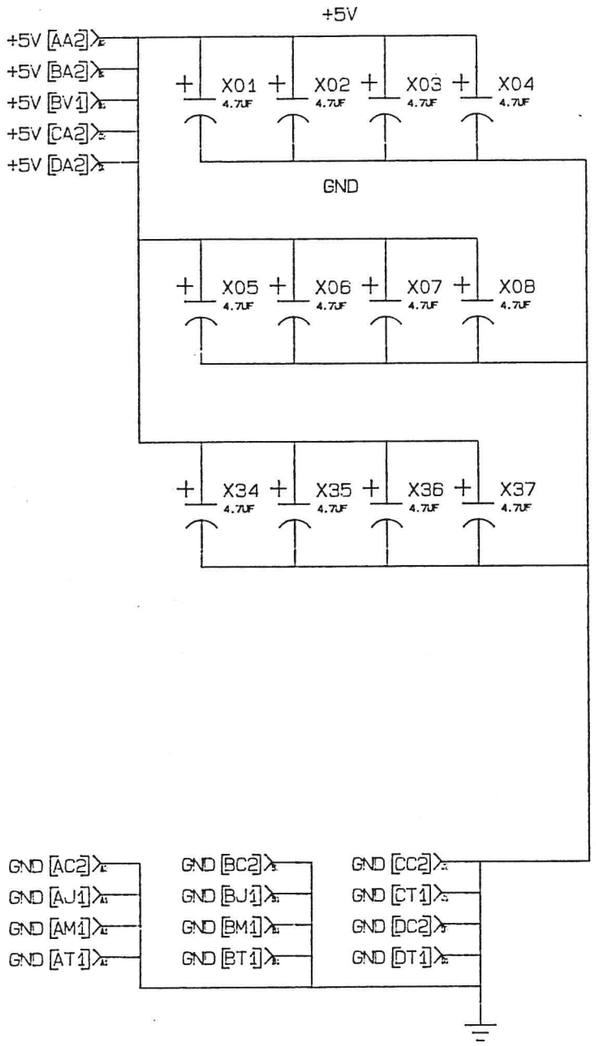

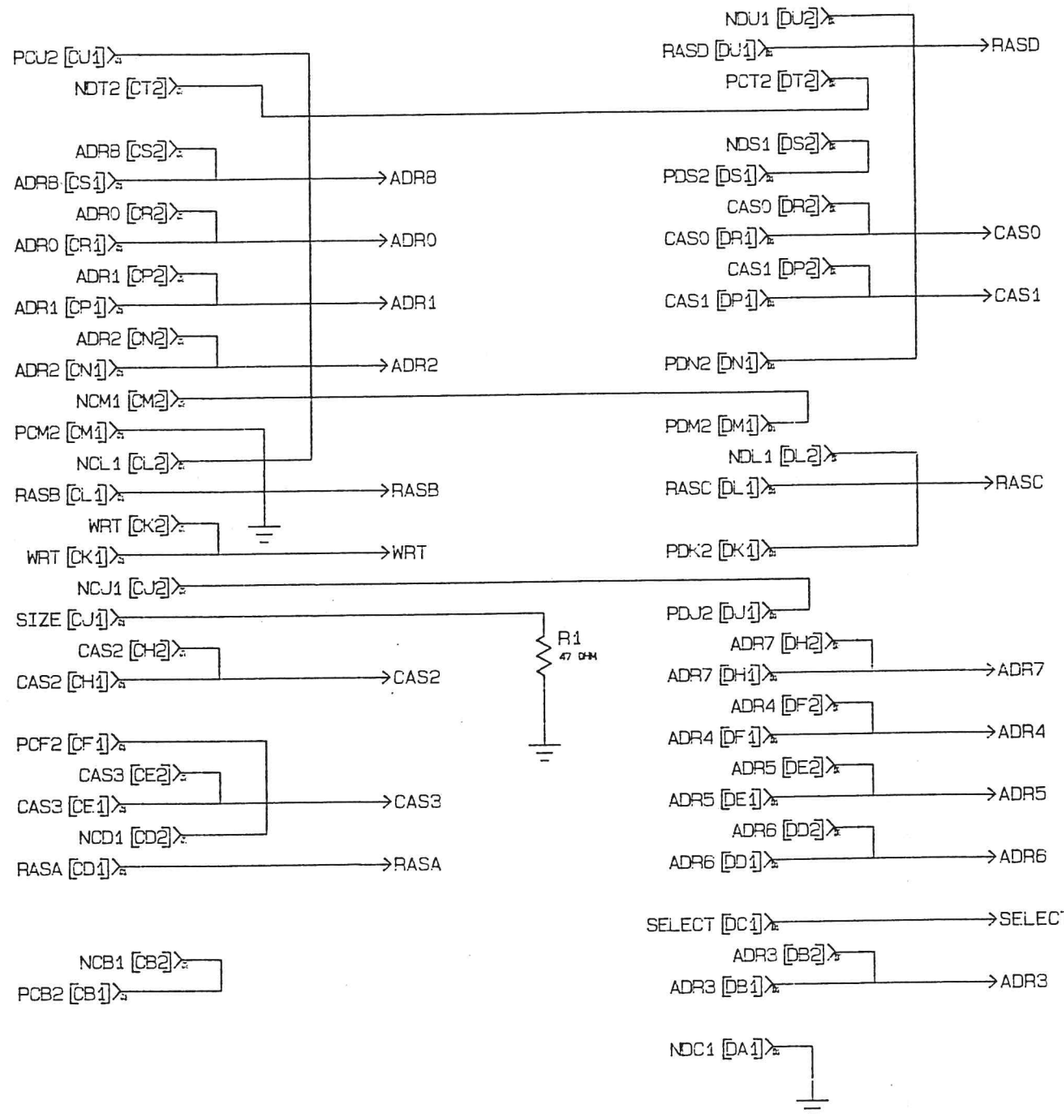

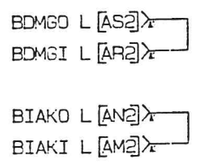

TITLE MV2RAM REV. DB	
DRAWING NUMBER MV2R-001	DATE 20-MAY-85
ENGINEER LBIII	APPROVED
DRAWN BY LBIII	SHEET 1 OF 5

CLEARPOINT INC.

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DATA BUS INTERFACE

DE1
BDATA30 J1-2 → MDATA30
BDATA28 J1-5 → MDATA28
BDATA26 J1-7 → MDATA26
BDATA24 J1-9 → MDATA24
BDATA22 J1-11 → MDATA22
BDATA19 J1-16 → MDATA19
BDATA20 J1-15 → MDATA20
BDATA18 J1-17 → MDATA18
Z26 ALS645

CH1
BDATA31 J1-2 → MDATA31
BDATA29 J1-4 → MDATA29
BDATA27 J1-8 → MDATA27
BDATA25 J1-10 → MDATA25
BDATA23 J1-12 → MDATA23
BDATA21 J1-14 → MDATA21
BDATA17 J1-18 → MDATA17
BDATA15 J1-22 → MDATA15
Z22 ALS645

DP1
BDATA09 J1-39 → MDATA09
BDATA10 J1-37 → MDATA10
BDATA11 J1-36 → MDATA11
BDATA08 J1-40 → MDATA08
BDATA05 J1-41 → MDATA05
BDATA04 J1-43 → MDATA04
BDATA07 J1-45 → MDATA07
BDATA01 J1-48 → MDATA01
Z24 ALS645

DP1
BDATA14 J1-33 → MDATA14
BDATA13 J1-34 → MDATA13
BDATA12 J1-35 → MDATA12
BDATA16 J1-29 → MDATA16
BDATA03 J1-42 → MDATA03
BDATA06 J1-44 → MDATA06
BDATA02 J1-47 → MDATA02
BDATA00 J1-49 → MDATA00
Z20 ALS645

TRANSMIT L → Z23 AS08
RECIEVE L J1-21 → Z27 AS04
+5V → R2 47K ohms
SELECT → Z27 AS04
1TRANSMIT L J1-23 → Z19 → S51
0TRANSMIT L J1-25 → S51
Z23 AS08 (×3)
Z27 AS04 (×2)
→ TRANSMIT L

PARITY GENERATE/CHECK

DE1
MDATA31 MDATA30 MDATA29 MDATA28 MDATA27 MDATA26 MDATA25 MDATA24 → Z16 AS280
PAR03 → Z13 → S51
Z16 AS280 → Z25 ALS38 → PARI3
Z16 AS280 → Z21 ALS38 → J1-19 B3ERR L

CH1
MDATA23 MDATA22 MDATA21 MDATA20 MDATA19 MDATA18 MDATA17 MDATA16 → Z17 AS280
PAR02 → Z13 → S51
Z17 AS280 → Z25 ALS38 → PARI2
Z17 AS280 → Z21 ALS38 → J1-24 B2ERR L

DP1
MDATA15 MDATA14 MDATA13 MDATA12 MDATA11 MDATA10 MDATA09 MDATA08 → Z16 AS280
PAR01 → Z14 → S51
Z16 AS280 → Z25 ALS38 → PARI1
Z16 AS280 → Z21 ALS38 → J1-32 B1ERR L

DP1
MDATA07 MDATA06 MDATA05 MDATA04 MDATA03 MDATA02 MDATA01 MDATA00 → Z15 AS280
PAR00 → Z14 → S51
Z15 AS280 → Z25 ALS38 → PARI0
Z15 AS280 → Z21 ALS38 → J1-27 B0ERR L

GND J1-50, J1-45, J1-38, J1-31, J1-30, J1-26, J1-25, J1-20, J1-13, J1-6, J1-1

TITLE: MV2RAM REV. DB	
DRAWING NUMBER: MV2R-001	DATE: 17-APR-85
ENGINEER: LBIII	APPROVED
DRAWN BY: LBIII	SHEET 2 OF 5

CLEARPOINT INC.

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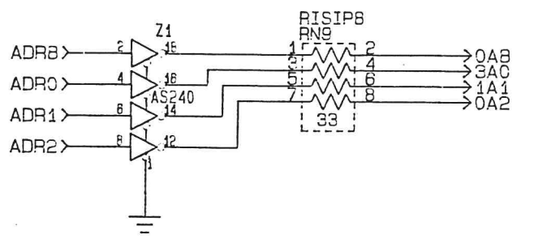

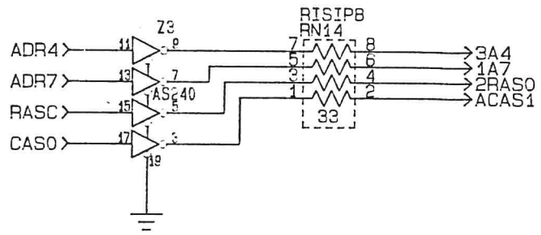

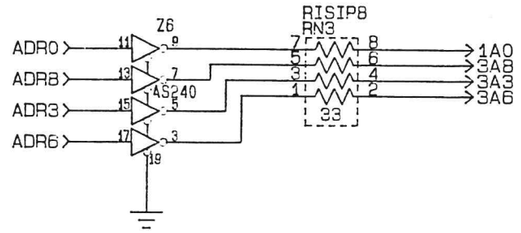

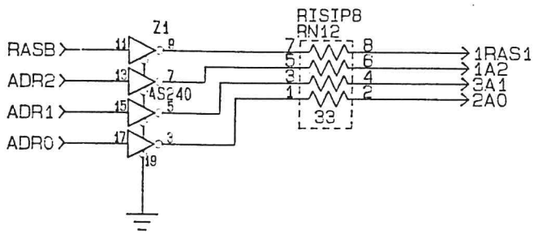

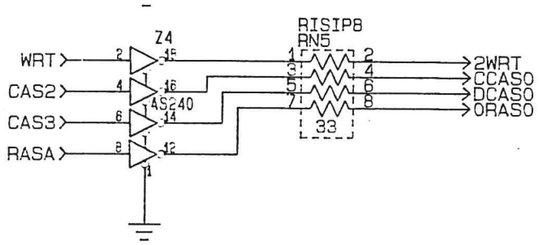

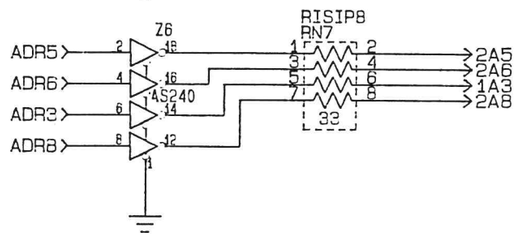

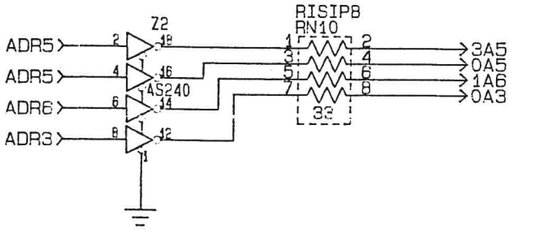

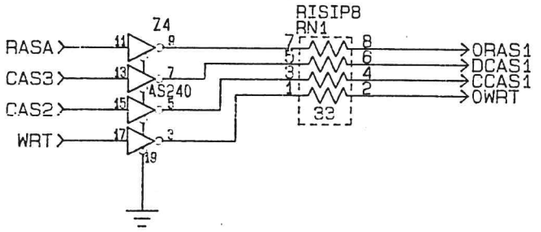

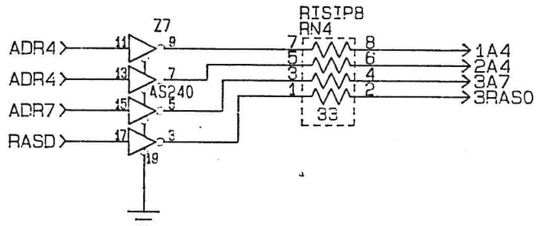

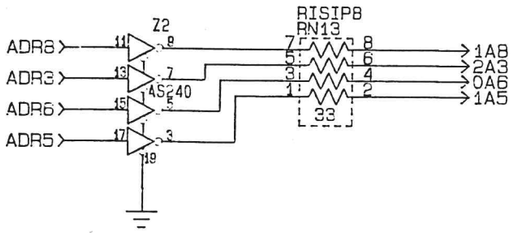

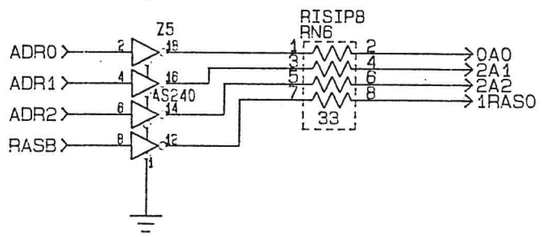

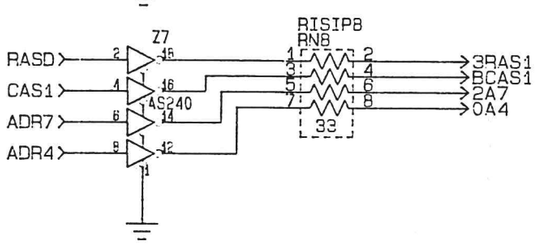

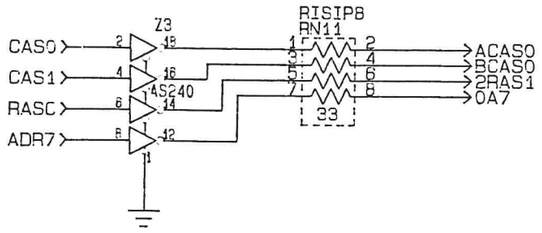

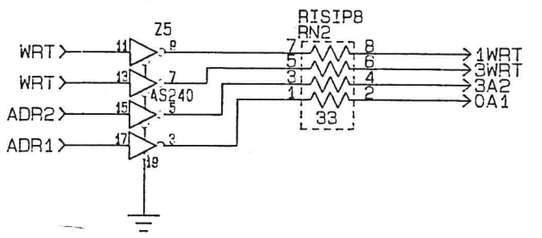

CLEARPOINT INC.	TITLE: MV2RAM REV. DB	
	DRAWING NUMBER: MV2R-001	DATE: 20-MAY-85
	ENGINEER: LBIII	APPROVED
	DRAWN BY: LBIII	SHEET 3 OF 5

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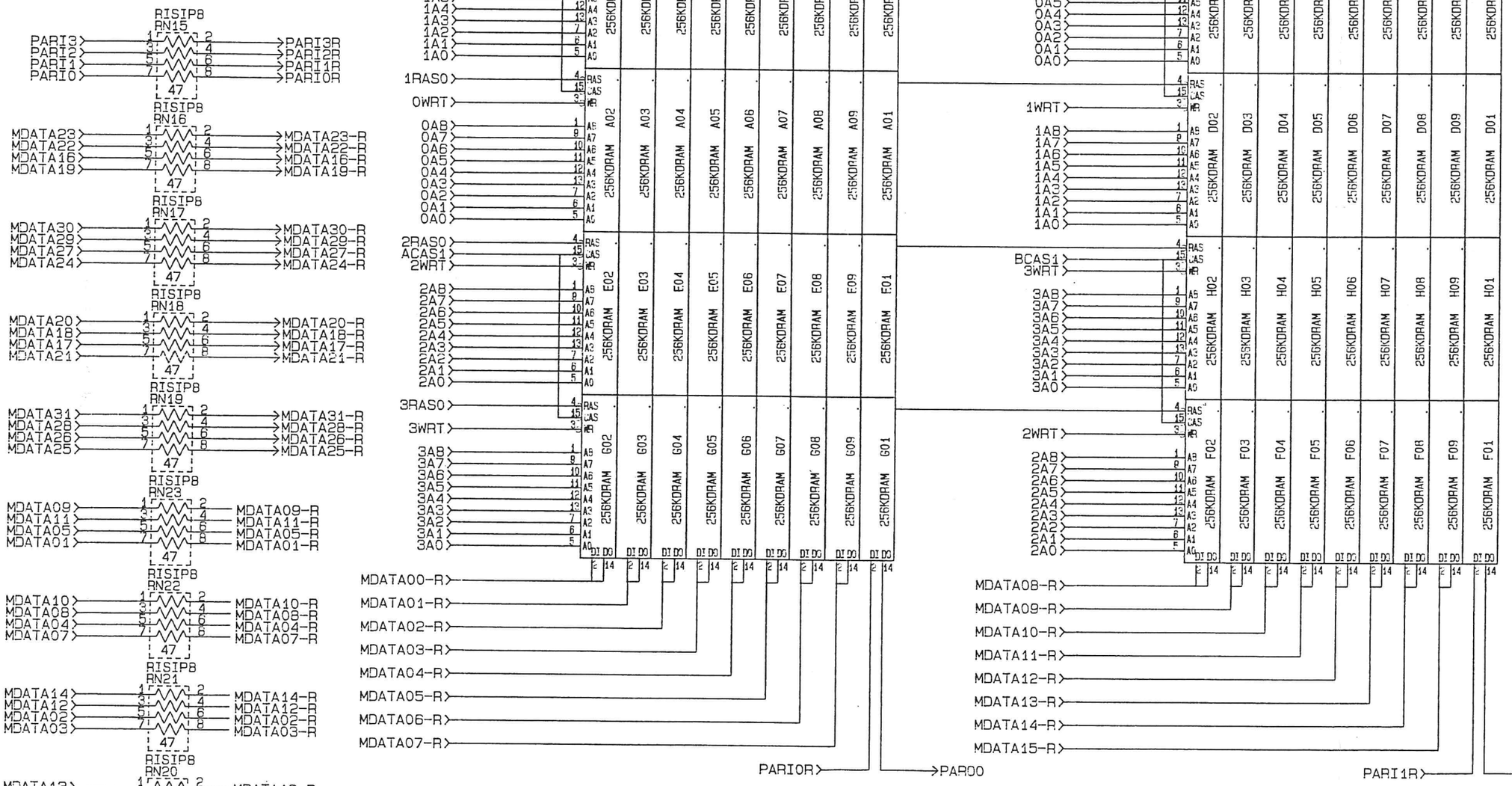
RISIP8 RN15
PARI3 PARI2 PARI1 PARI0
PARI3R PARI2R PARI1R PARI0R
47
RISIP8 RN16
MDATA23 MDATA22 MDATA16 MDATA19
MDATA23-R MDATA22-R MDATA16-R MDATA19-R
RISIP8 RN17
MDATA30 MDATA29 MDATA27 MDATA24
MDATA30-R MDATA29-R MDATA27-R MDATA24-R
RISIP8 RN18
MDATA20 MDATA18 MDATA17 MDATA21
MDATA20-R MDATA18-R MDATA17-R MDATA21-R
RISIP8 RN19
MDATA31 MDATA28 MDATA26 MDATA25
MDATA31-R MDATA28-R MDATA26-R MDATA25-R
RISIP8 RN23
MDATA09 MDATA11 MDATA05 MDATA01
MDATA09-R MDATA11-R MDATA05-R MDATA01-R
RISIP8 RN22
MDATA10 MDATA08 MDATA04 MDATA07
MDATA10-R MDATA08-R MDATA04-R MDATA07-R
RISIP8 RN21
MDATA14 MDATA12 MDATA02 MDATA03
MDATA14-R MDATA12-R MDATA02-R MDATA03-R
RISIP8 RN20
MDATA13 MDATA00 MDATA06 MDATA15
MDATA13-R MDATA00-R MDATA06-R MDATA15-R
0RAS0 ACAS0 1WRT
1A8 1A7 1A6 1A5 1A4 1A3 1A2 1A1 1A0
1RAS0 0WRT
0A8 0A7 0A6 0A5 0A4 0A3 0A2 0A1 0A0
2RAS0 ACAS1 2WRT
2A8 2A7 2A6 2A5 2A4 2A3 2A2 2A1 2A0
3RAS0 3WRT
3A8 3A7 3A6 3A5 3A4 3A3 3A2 3A1 3A0
256KDRAM C02 C03 C04 C05 C06 C07 C08 C09 C01
256KDRAM A02 A03 A04 A05 A06 A07 A08 A09 A01
256KDRAM E02 E03 E04 E05 E06 E07 E08 E09 E01
256KDRAM G02 G03 G04 G05 G06 G07 G08 G09 G01
MDATA00-R MDATA01-R MDATA02-R MDATA03-R MDATA04-R MDATA05-R MDATA06-R MDATA07-R
PARI0R
PAR00
BCAS0 0WRT
0A8 0A7 0A6 0A5 0A4 0A3 0A2 0A1 0A0
1WRT
1A8 1A7 1A6 1A5 1A4 1A3 1A2 1A1 1A0
BCAS1 3WRT
3A8 3A7 3A6 3A5 3A4 3A3 3A2 3A1 3A0
2WRT
2A8 2A7 2A6 2A5 2A4 2A3 2A2 2A1 2A0
256KDRAM B02 B03 B04 B05 B06 B07 B08 B09 B01
256KDRAM D02 D03 D04 D05 D06 D07 D08 D09 D01
256KDRAM H02 H03 H04 H05 H06 H07 H08 H09 H01
256KDRAM F02 F03 F04 F05 F06 F07 F08 F09 F01
MDATA08-R MDATA09-R MDATA10-R MDATA11-R MDATA12-R MDATA13-R MDATA14-R MDATA15-R
PARI1R
PAR01

TITLE	MV2RAM REV. DB
DRAWING NUMBER	MV2R-001
DATE	22-MAY-85
ENGINEER	LBIII
APPROVED	
DRAWN BY	RMV
SHEET	4 OF 5

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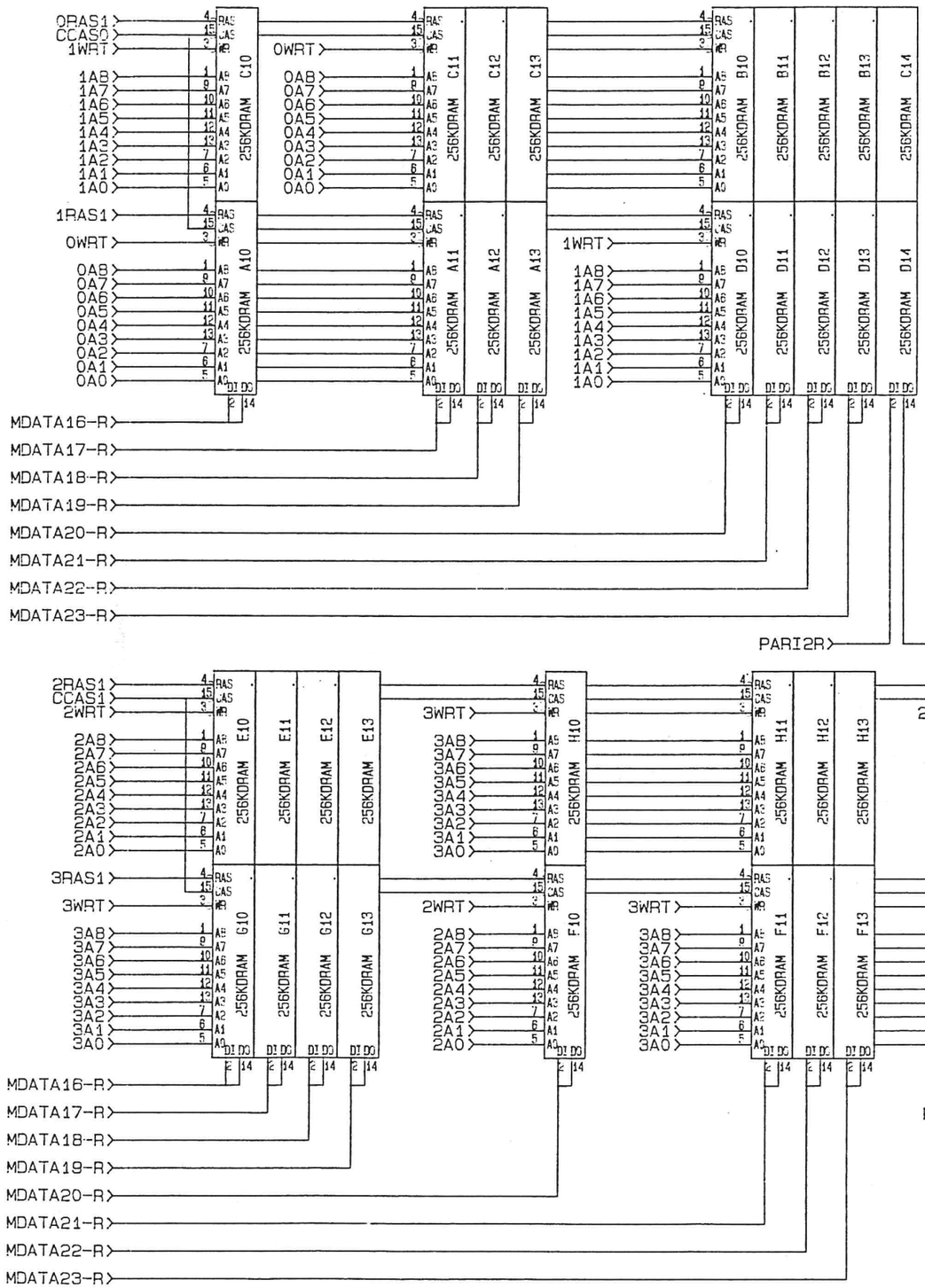

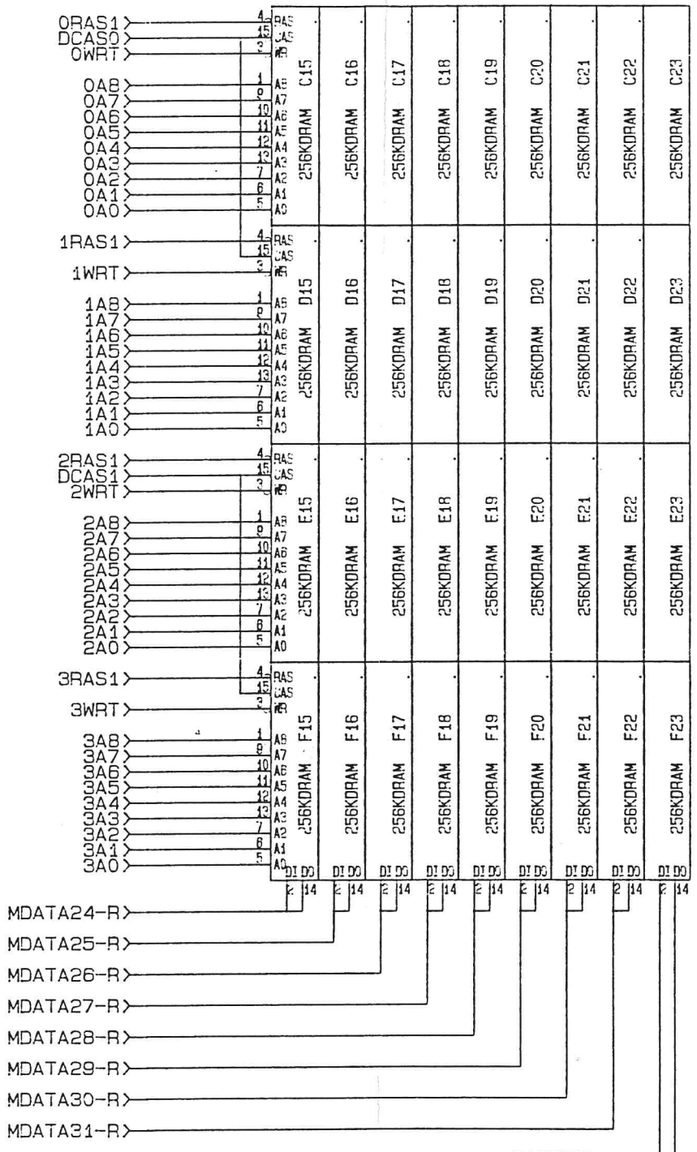

TITLE	MV2RAM REV. DB
DRAWING NUMBER	MV2R-001
DATE	22-MAY-85
ENGINEER	LBIII
APPROVED	
DRAWN BY	RMV
SHEET	5 OF 5

CLEARPOINT INC.